



PTO/SB/21 (04-04)

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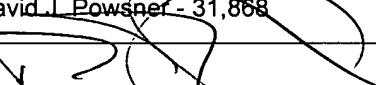
(to be used for all correspondence after initial filing)

		Application Number	10/722,341-Conf. #6549
		Filing Date	November 25, 2003
		First Named Inventor	Simon Korowitz
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	102314-0157

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

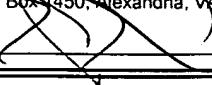
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	NUTTER MCLENNEN & FISH LLP David J. Powsner - 31,868
Signature	
Date	8/13/04

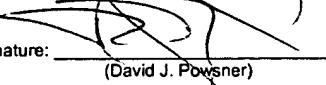
### Transmittal

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Dated: 8/13/04

Signature:  (David J. Powsner)

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: <u>8/13/04</u>	Signature:  (David J. Powsner)

Docket No.: 102314-0157  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Simon Korowitz et al.

Application No.: 10/722,341

Confirmation No.: 6549

Filed: November 25, 2003

Art Unit: N/A

For: DISTRIBUTED CONTROL SYSTEM  
INCLUDING A COMPACT EASILY-  
EXTENSIBLE AND SERVICEABLE FIELD  
CONTROLLER

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the publications listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

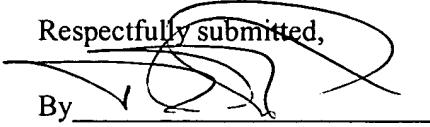
Copies of the publications on the PTO/SB/08 are not provided.

The patent(s) and publication(s) in the attached forms PTO/SB/08 and PTO/892 are not supplied because they were previously cited by or submitted to the Office in a prior application number 09/528,263, filed March 17, 2000 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 102314-0157. A duplicate copy of this paper is enclosed.

Dated: 8/13/04

Respectfully submitted,

By 

David J. Powsner

Registration No.: 31,868

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Attorney for Applicant

O P E  
AUG 16 2004  
U.S. PATENT AND TRADEMARK OFFICEUS Department of Commerce  
Patent and Trademark OfficeAtty Docket: In re Application No.  
0102314-00113 09/528,263

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Korowitz, et al

Filing Date: 3/17/2000 Group: 2781

## U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date
	5,162,986	Graber et al	Nov. 10, 1992
	5,310,998	Okuno	May 10, 1994
	5,349,343	Oliver	Sept. 20, 1994
	5,410,717	Floro	Apr. 25, 1995
	5,501,608	Scheer et al	March 26, 1996
	5,509,811	Homic	Apr. 23, 1996
	5,531,328	Rochelo et al	July 2, 1996
	5,544,008	Dimmick et al	Aug. 6, 1996
	5,555,510	Versepuit et al	Sept. 10, 1996
	5,563,400	Le Roux	Oct. 8, 1996
	5,564,055	Asnaashari et al	Oct. 8, 1996
	5,579,487	Meyerson et al	Nov. 26, 1996
	5,604,871	Pecone	Feb. 18, 1997
	5,608,607	Dittmer	Mar. 4, 1997
	5,608,608	Flint et al	Mar. 4, 1997
	5,611,057	Pecone et al	Mar. 11, 1997
	5,621,890	Notarianni et al	April 15, 1997
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	5,761,033	Wilhelm	June 2, 1998
	6,033,257	Lake et al	Mar. 7, 2000
	6,076,124	Korowitz et al	June 13, 2000

## FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

O I P E  
AUG 16 2004  
PARENT & TRANSLATOR

## OTHER DOCUMENTS

	"Signal Conditioners Designed for Fisher-Rosemount Systems Delta V," issued by M-System Co., Ltd. (December 1997).
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	"DeltaV™ System Overview: Do More." Brochure issued by Fisher-Rosemount Systems (1998).
	Caro, Richard H. "The Fifth Generation Process Control Architecture," ISA (1988) Paper #88-1487, pp. 659-667.
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	Tobin, David. "Southeast Paper Installs Largest Foxboro Distributed Control System."
	Owen, S., et al. "A modular reconfigurable approach to the creation of flexible manufacturing cells for educational purposes," FAST Reconfiguration of Robotic and Automation Resources Colloquium, University of Nottingham, UK, October 20, 1995, Digest No. 95/174.
	Dezso, Danyi. "Halozati szabalyozas," Meres es Automatika, 37 (1989) pp. 208-213.
	Holding, David and Wood Graham. "Communications in microprocessor industrial implementation," IPC Business Press 3:10 (December 10, 1979), pp. 443-451.
	IC Card System & Design. September/October 1995. Cover page.
	The PCMCIA Developers Guide (2nd Edition, Sycard, 1995) pp. 1-5, 225.

EXAMINER

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US Department of Commerce  
Patent and Trademark OfficeAtty Docket:  
0102314-00113In re Application No.  
09/528,263

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Korowitz, et al

Filing Date: 3/17/2000 Group: 2781

## U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date
	4,790,762	Harms, deceased et al	Dec. 13, 1988

## FOREIGN PATENT DOCUMENTS

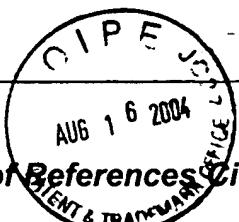
Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	3603750 A1	Germany	8/13/1978		x
	4344904 A1	Germany	8/31/1995		x
	WO 91/14324	PCT	9/19/1991		
	EP 0 499 675 A1	Europe	8/26/1992		x

## OTHER DOCUMENTS


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**Notice of References Cited**

		Application/Control No.	Applicant(s)/Patent Under Reexamination		
		09/528,263	KOROWITZ ET AL.		
Examiner		Art Unit		Page 1 of 1	
Raymond Phan		2181			

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6324607	11-2001	Korowitz et al.	710/302
	B	US-5519571	05-1996	Shieh	361/685
	C	US-5505633	04-1996	Broadbent	439/329
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
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	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/528,263
(use as many sheets as necessary)				Filing Date	March 17, 2000
				First Named Inventor	Korowitz et al.
				Group Art Unit	2781
				Examiner Name	Not assigned
Sheet	1	of	1	Attorney Docket Number	
0102314-00113					

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	"Ricoh to sell world's first multimedia still camera," Japan Economic Newswire (February 21, 1995)	
	B	"Intel, SunDisk offerings narrow flash focus," Electronic Engineering Times (October 24, 1994) p. 10.	
	C	Dave Andrews, "15 MB in a Matchbook," BYTE (January 1995) downloaded from <a href="http://www.byte.com/art/9501/sec4/art5.htm">http://www.byte.com/art/9501/sec4/art5.htm</a> on 9/23/2002.	

Examiner Signature		Date Considered	
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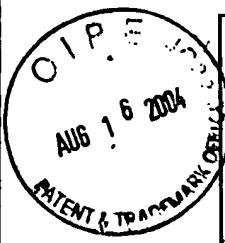
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Application Number	09/528,263
Filing Date	March 17, 2000
First Named Inventor	Korowitz et al.
Group Art Unit	2781
Examiner Name	Not assigned
Attorney Docket Number	0102314-00113

### U.S. PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

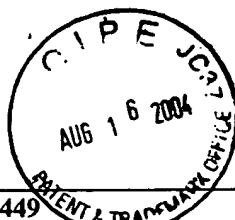
### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	"DAQCard - 700 User Manual" January 1996 Edition © 1994, 1996 National Instruments Corporation.	
	B	"New Products," The Scientist (June 13, 1994) p. 20 (web page print-out from <a href="http://www.the-scientist.com/yr1994/june/newprods_940613.html">http://www.the-scientist.com/yr1994/june/newprods_940613.html</a> )	
	C	"100 Hot Products of 1994," EDN Access (December 8, 1994) (web page print-out from <a href="http://archives.e-insite.net/archives/ednmag/reg/1994/120894/25df1.htm">http://archives.e-insite.net/archives/ednmag/reg/1994/120894/25df1.htm</a> )	

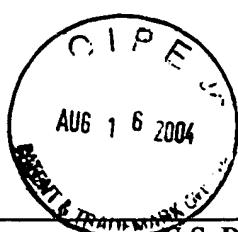
Examiner Signature	Date Considered
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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached



Form PTO-1449 (Rev. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO: 0102314-00113		APPLICATION NO: 09/528,263	
		INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>							APPLICANT(S): Korowitz et al.			
									FILING DATE: 3/17/00		GROUP ART UNIT: 2781	
<b>U.S. PATENT DOCUMENTS</b>												
EXAMINER INITIAL		DOCUMENT NUMBER					DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE *	
		6	0	0	8	9	8	5	12/28/99	Lake et al.	361	686
		6	0	3	3	2	5	7	3/7/00	Lake et al.	439	502
		6	1	8	3	2	8	9	2/6/01	Lake et al.	439	449
<b>FOREIGN PATENT DOCUMENTS</b>												
		DOCUMENT NUMBER					DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
											YES	NO
<b>OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)</b>												
Examiner	Date Considered:											
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**Form PTO-1449**  
**(Rev. 8-83)**

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO:  
0102314-00113

APPLICATION NO:  
09/528,263

## INFORMATION DISCLOSURE CITATION

*(Use several sheets if necessary)*

APPLICANT(S):  
Korowitz et al.

**FILING DATE:**  
3/17/00

FILING DATE: 3/17/00	GROUP ART UNIT: 2781
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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner	Date Considered:	
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.	